

ABSTRACT

A method for forming a multi-carrier output signal for transmission in a communication system, the multi-carrier output signal being formed from a plurality of data signals each modulated with a respective one of a plurality of carrier signals, the method comprising: establishing two or more sets of carrier signals, each set comprising each of the plurality of carrier signals and differing from the other set(s) in the phase of at least one of the carrier signals; selecting the one of the sets of carrier signals that would, when used to form the multi-carrier signal, result in the multi-carrier output signal having the lowest maximum amplitude; and forming the multi-carrier output signal from the plurality of data signals each modulated with the respective one of the plurality of carrier signals of that selected set.